

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-134960

(43)Date of publication of application : 22.05.1998

(51)Int.CI. H05B 33/04

G02F 1/1335

H05B 33/10

(21)Application number : 08-303808 (71)Applicant : NISSHA PRINTING CO LTD

(22)Date of filing : 28.10.1996 (72)Inventor : KISHI KEIJI

MIYATANI TETSUO

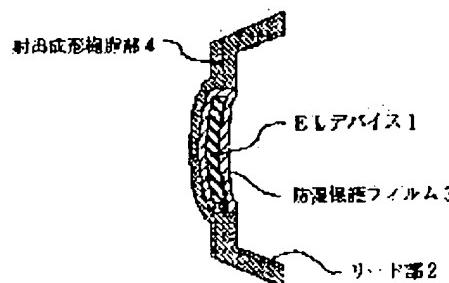
(54) RESIN MOLD WITH EL DEVICE AND MANUFACTURE THEREOF

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a resin mold with EL device, which can prevent the generation of positional displacement and inclination, by sealing an EL device and a lead part except for an exposed part with a moisture resistant protecting film, and unifying one surface side thereof with an injection molding resin part.

SOLUTION: An EL device 1 and a lead part 2 to be expected are sealed with a moisture resistant protecting film 3, which is made of polyethylene terephthalate resin or the like, except for an exposed part of the lead 2. One surface side of the sealed EL device 1 and the sealed lead part 2 are unified with an injection molding resin part 4 made of acrylic resin. This unifying is performed by temporarily fixing the EL device 1 and the lead part 2 to a cavity surface of a fixed die into the predetermined shape, and thereafter, setting a movable die for closing, and injecting the molding resin into a molding space.

With this structure, a resin mold with an EL device, which can maintain the deforming condition of the EL device for a long time without generating the positional displacement of the EL device and inclination thereof to an opposite side of a light emitting surface, is



10/036, 478

obtained.

LEGAL STATUS

[Date of request for examination] 17.06.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]